

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1246	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 11:40
S2	4	("5891053" "6071251").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 13:35
S3	357	600/583.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 13:35
S4	302	S3 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S5	598	600/584.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S6	393	S5 not (S1 or S3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S7	6	("20020168290"   "4627445"   "4637403"   "5700695"   "6093156"   "6206841").PN. OR ("7207952").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 14:37

## EAST Search History

S8	6	("20020168290"   "4627445"   "4637403"   "5700695"   "6093156"   "6206841").PN. OR ("7207952").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 15:14
S9	1	JP-2572823-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:15
S10	541649	(lanc\$3 or needle or (penetrating adj member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:16
S11	1824641	(vacuum or vaccuum or suction or (negative adj pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S12	112320	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:18
S13	39259	S10 same S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:18
S14	9180245	switch or sens\$3 or detec\$3 or indicat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:19

## EAST Search History

S15	6095265	contact or touch or height	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:19
S16	878871	S15 with S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:20
S17	3756	S16 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:21
S18	1084448	skin or membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:21
S19	1189	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:23
S20	592552	(blood or interstitial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:24
S22	356374	S14 near2 S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:25

## EAST Search History

S23	1546	S22 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:26
S24	494	S23 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:26
S25	374	S24 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 08:53
S26	16	("4114619"   "4139008"   "4393870").PN. OR ("4600403"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 18:36
S27	14	("4844098"   "5857983"   "5891053"   "5951492"   "6015392"   "6027459"   "6045541"   "6048352"   "6144869"   "6152942").PN. OR ("6349229").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 18:53
S28	23	("4203446"   "4653513"   "4775361"   "4990154"   "5035704"   "5165418"   "5320607"   "5374556"   "5487748"   "6027459"   "RE32922").PN. OR ("6506168"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 19:29
S29	0	WO-JP2002007333-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 08:53
S30	25	("6048352" "6155992" "6206841"  "6219574" "6315738" "6332871"  "6349229" "6612111" "6706159"  "6849052" "6988996").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:29

## EAST Search History

S31	1605	606/167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:30
S32	492	S31 and (vaccuum or vacuum or suction or (negative adj pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:30
S33	485	S32 not (600/573,583,584.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:32
S34	830	606/181-183.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:32
S35	2367	S34 not (600/573,583,583.ccls) or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:33
S36	762	S34 not (600/573,583,583.ccls or S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:34
S37	762	S34 not (600/573,583,584.ccls or S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:34

## EAST Search History

S38	3	"20030109808"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 10:27
S39	1	2002-188598.NRAN.	DERWENT	AND	ON	2007/07/17 10:31
S40	541804	(lanc\$3 or needle or (penetrating adj member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:14
S41	472687	trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S42	3432	S41 with S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S43	618	(vacuum or vaccuum or suction or (negative adj pressure)) and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:13
S44	567	S43 and (pressure or force)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:15
S45	268	S44 and (blood or interstitial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:15

## EAST Search History

S46	1	2002WO-JP07333.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 15:03
S47	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:10
S48	1	2001JP-0220259.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 15:10
S49	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:11
S50	0	JP2001-0236976.ap,prai.	DERWENT	AND	ON	2007/07/17 15:11
S51	1	2001JP-0236976.ap,prai.	DERWENT	AND	ON	2007/07/17 15:11
S52	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:12
S53	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:27
S54	1	2001WO-JP06453.ap,prai.	DERWENT	AND	ON	2007/07/17 15:28
S55	1	2002-188598.NRAN.	DERWENT	AND	ON	2007/07/17 16:13
S56	1	2002WO-JP00165.ap,prai.	DERWENT	AND	ON	2007/07/17 16:13
S57	1	2002-529029.NRAN.	DERWENT	AND	ON	2007/07/17 16:15
S58	0	WO-2002054953-\$.did.	DERWENT	AND	ON	2007/07/17 16:17
S59	0	WO-2002054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:18
S60	0	WO-020054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:19
S61	0	WO-20020054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:19

## EAST Search History

S62	43	backup adj chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:13
S63	2439746	vaccuum or vacuum or pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:14
S64	77792	(two or dual) adj (chamber or lumen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:15
S65	5331	S63 with S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:15
S66	5	S65 with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:17
S67	217	S65 with reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:25
S68	2845	S63 with (reduc\$3 adj (noise or sound))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:26



## EAST Search History

S69	0	S68 with S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:26
S70	4	S68 same S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:44
S71	341	negative adj pressure adj reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:53
S72	6	S71 same (pressure adj (sensor or transducer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:00
S73	2126	vacuum adj reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:00
S74	789	S73 same pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:00
S75	34	S74 same (pressure adj (transducer or sensor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:21

## EAST Search History

S76	125370	vacuum adj pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:22
S77	2522	S76 with (vacuum reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:22
S78	317	S76 with (vacuum adj reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:25
S79	0	S78 with (pump near2 off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:23
S80	0	S79 same (pump near2 off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:23
S81	25	S78 same ((pressure or vacuum) adj (sensor or transducer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:35
S82	73233	contact adj pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:37

## EAST Search History

S83	484886	lancet or needle or (penetrating adj member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:37
S84	873	S82 same S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:38
S85	396	S82 with S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:38
S86	8	S85 same (pressure adj (sensor or transducer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:42
S87	3	"6612111".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:42
S88	930	store adj pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:12
S89	26473	set adj pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:13

## EAST Search History

S90	13	S88 same S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:15
S91	3990261	(retain or maintain or continue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:16
S92	1825124	(vacuum or vaccuum or suction or (negative adj pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:16
S93	79108	S91 with S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:16
S94	28732	S91 near2 S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:16
S95	7872405	set or store or record	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:17
S96	7989446	(pressure or value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:18

## EAST Search History

S97	642121	S95 near2 S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:19
S98	2278	S97 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:19
S99	737	S98 and (pressure near2 lower)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:25
S10 0	8517043	(prevent or reduce or inhibit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:25
S10 1	5666801	separat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:29
S10 2	74509	S100 near2 S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:29
S10 3	23	S102 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:29

## EAST Search History

S10 4	32	("2563450"   "3039767"   "3362706"   "3669445"   "3826485"   "4033809"   "4097040"   "4146414"   "4236954"   "4248417").PN. OR ("4428793").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 14:39
S10 5	122814	S92 with (lift or (pick adj up) or remove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:39
S10 6	57357	S92 near3 (lift or (pick adj up) or remove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:40
S10 7	238	S106 and S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:40
S10 8	14	("4056334"   "4073602"   "4432701"   "4655692"   "4750768").PN. OR ("4950016"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 14:46
S10 9	34	("2934086"   "3349927"   "3568959"   "3613904"   "4089622"   "4417312"   "4453755"   "4655692"   "4679583"   "4750768"   "4777383"   "4828306"   "4865521"   "4950016"   "4957318").PN. OR ("5201560"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 14:54